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FORM PTO-1082

03-07-02

81751.0032

Express Mail Label No. EL 713 626 870 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC971 U.S. PRO
10/092393
03/05/02

In re application of:

Junichi KARASAWA and Kunio WATANABE both of Nagano-ken, Japan.

Serial No: Not assigned

Filed: March 5, 2002

For: SEMICONDUCTOR DEVICE, MEMORY SYSTEM AND ELECTRONIC APPARATUS

Box PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

- Transmitted herewith for filing is the patent application identified above.
- 22 sheet(s) of drawings (formal informal) is(are) enclosed.
- 38 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- An assignment of the invention to SEIKO EPSON CORPORATION is enclosed will follow.
- An associate power of attorney is enclosed will follow.
- Applicant claims small entity status. See 37 CFR 1.27.
- Declaration and Power of Attorney is enclosed will follow.
- A certified copies of Japanese Patent Application Nos. 2001-088309 filed March 26, 2001 and 2001-333097 filed October 30, 2001 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- IDS enclosed (with 1 reference(s)).
- Preliminary Amendment is enclosed.
- Application data sheet is enclosed. See 37 CFR 1.76.
- Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE E	33	-20	13	LG=\$18 SM=\$9	\$18	234
B INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$84 SM=\$42	\$84	0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						234
D MULTIPLE-DEPENDENT CLAIMS FEE						LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140 \$ 280
E BASIC FEE						LARGE ENTITY FEE = \$740 SMALL ENTITY FEE = \$370 \$ 740
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 1254
G ASSIGNMENT RECORDING FEE						\$ 40 \$ 40

*LIST INDEPENDENT CLAIMS 1.

- Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
- A check in the amount of \$ 0 to cover the filing fee is enclosed.
- A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. 1.16
- Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:

Anthony J. Orler

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Date: March 5, 2002

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Serial No: Not assigned

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Art Unit: Not assigned

Examiner: Not assigned

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Box PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- patent application (38 page(s) of specification; 33 claim(s); 1 page(s) of abstract
- 22 sheet(s) of formal drawings
- certified copies of Japanese patent application Nos. 2001-088309 filed March 26, 2001 and 2001-333097 filed October 30, 2001 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 1 reference
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Box PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231.

Date: March 5, 2002

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Emily Cruz
Name of person mailing papers

Signature